

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2) near8 (null or empty or zero or "0" or (no\$1 adj2 data))) and 375/260.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 10:55
L2	9	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2) near8 (null or empty or zero or "0" or (no\$1 adj2 data))) and 370/503,203,210.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 10:56
S1	1	("5732113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/29 09:29
S2	1	("20040136464").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/29 09:36
S3	0	("20040136464 and(preamble with subcarrier)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/29 09:36
S4	1	"20040136464" and (preamble with subcarrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:11
S5	2	((short adj1 preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with even) and ((short adj1 preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with odd) and ifft	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:17
S6	13	((preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with even) and ((preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:17
S7	2	((short adj1 preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with even) and ((short adj1 preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:17

## EAST Search History

S8	5	((preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with even with (null or zero)) and ((preamble) with (subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with odd with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:26
S9	328	((subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) with (even or even\$1number\$3) with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:27
S10	43	((subcarrier\$1 or tone\$1 or sub\$1frequenc\$3) near4 (even or even\$1number\$3) near4 (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:28
S11	49	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) near4 (even or even\$1number\$3) near4 (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:45
S12	14	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) near4 (even or even\$1number\$3) near4 (null or zero)) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:32
S13	75	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) near4 (even or even\$1number\$3) near7 (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 10:46
S14	15	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) near4 (even or even\$1number\$3) near7 (null or zero)) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:41
S15	0	((sub\$1channel\$1 or bin\$1) near4 (even or even\$1number\$3) near7 (null or zero)) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:37

## EAST Search History

S16	1	((channel\$1) near4 (even or even\$1number\$3) near7 (null or zero) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:38
S17	1	((channel\$1) near4 (even or even\$1number\$3) near7 (null or zero or empty or (no adj1 data))) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero or ampty or (no\$1 adj1 data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:39
S18	1	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1) near4 (even or even\$1number\$3) near7 (null or zero or empty or (no adj1 data))) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero or ampty or (no\$1 adj1 data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 20:34
S19	15	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3 or sub\$1band\$1 or sub\$1channel\$1 or bin\$1) near4 (even or even\$1number\$3) near7 (null or zero) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3) with (odd or odd\$1number\$2) with (null or zero)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:42
S20	20	((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3 or sub\$1band\$1 or sub\$1channel\$1 or bin\$1) near4 (even or even\$1number\$3) near7 (null or zero) and ((sub\$1carrier\$1 or tone\$1 or sub\$1frequenc\$3 or sub\$1band\$1 or sub\$1channel\$1 or bin\$1) with (odd or odd\$1number\$2) with (null or zero)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:55
S21	28	((preamble or pilot or header or training or sync) with (zero or null) near5 even) and ((preamble or pilot or header or training or sync) with (zero or null) near4 odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:57
S22	66	((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near5 even) and ((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near4 odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 13:59

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S23	25	((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near5 even) and ((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near4 odd) and (sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel or tone or bin\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/29 14:00
S24	14	((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near5 even) and (((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near4 odd) same (sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel or tone or bin\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:21
S25	0	(reduc\$3 or suppress\$3 or decreas\$3) near5 (papr or (peak adj2 average adj1 power adj1 ratio)) and (low near3 (cross\$1correlat\$3) near5 (preamble\$1 or pilot\$1 or training\$1)) and (even or odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:17
S26	201	(reduc\$3 or suppress\$3 or decreas\$3) near5 (papr or (peak adj2 average adj1 power adj1 ratio)) and ((preamble\$1 or pilot\$1 or training\$1)) and (even or odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:17
S27	51	(reduc\$3 or suppress\$3 or decreas\$3) near5 (papr or (peak adj2 average adj1 power adj1 ratio)) and ((preamble\$1 or pilot\$1 or training\$1)) same (even or odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:18
S28	10	(reduc\$3 or suppress\$3 or decreas\$3) near5 (papr or (peak adj2 average adj1 power adj1 ratio)) and ((preamble\$1 or pilot\$1 or training\$1)) same (even same odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:18
S29	14	((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near8 even) and (((preamble or pilot or header or training or sync) with (zero or null or "0" or empty) near4 odd) same (sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel or tone or bin\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/30 08:22

## EAST Search History

S30	2	((channel near2 estimat\$) near6 (odd adj1 (tone\$1 or sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel\$1))) and ((channel near2 estimat\$) near6 (even adj1 (tone\$1 or sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 19:39
S31	2	((channel near2 estimat\$) near6 (odd adj1 (tone\$1 or sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 19:39
S32	9	((channel near2 estimat\$) near6 (odd near3 (tone\$1 or sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel\$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 19:57
S33	7	((channel near2 estimat\$) near6 (odd near3 (tone\$1 or sub\$1carrier\$1 or sub\$1frequenc\$3 or sub\$1channel\$1))) and (even near5 (channel near2 estimat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 19:58
S34	61	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near4 (even or even\$1number\$3) near7 (null or zero or empty or (no adj1 data))) and ((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) with (odd or odd\$1number\$2) with (null or zero or ampty or (no\$1 adj1 data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 22:10
S35	59926	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near4 (even or even\$1number\$3) near7 (null or zero or empty or (no adj1 data))) and ((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) with (odd or odd\$1number\$2) with (null or zero or ampty or (no\$1 adj1 data))) abd preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/05 22:10

## EAST Search History

S36	9	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near4 (even or even\$1number\$3) near7 (null or zero or empty or (no adj1 data))) and ((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) with (odd or odd\$1number\$2) with (null or zero or ampty or (no\$1 adj1 data))) and preamble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:37
S37	4267	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:38
S38	299	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2)) and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 09:01
S39	86	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2)) same (preamble or training or pilot or known) and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:50
S40	11	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2)) same (preamble or training or pilot or known or sync) and (papr)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:51
S41	1	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near7 (odd or odd\$1number\$2)) same (preamble or training or pilot or known or sync) same ((low or reduc\$3 or suppress\$3) near3 (papr or (peak adj2 power adj2 ratio)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:54

## EAST Search History

S42	1	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) with (odd or odd\$1number\$2)) same (preamble or training or pilot or known or sync) same ((low or reduc\$3 or suppress\$3) near3 (papr or (peak adj2 power adj2 ratio)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:55
S43	13	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) with (odd or odd\$1number\$2)) same (preamble or training or pilot or known or sync) and ((low or reduc\$3 or suppress\$3) near3 (papr or (peak adj2 power adj2 ratio)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 08:55
S44	34	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2) near8 (null or empty or zero or "0" or (no\$1 adj2 data))) and ofdm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 09:02
S45	284	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2) near8 (null or empty or zero or "0" or (no\$1 adj2 data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 09:03
S46	188	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (even or even\$1number\$3) near8 (odd or odd\$1number\$2) near8 (null or empty or zero or "0" or (no\$1 adj2 data))) and (communication or ofdm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 10:54
S47	44	((channel\$1 or sub\$1channel\$1 or sub\$1frequenc\$3 or bin\$1 or sub\$1band\$1 or sub\$1carrier\$1 or tone\$1) near8 (odd or odd\$1number\$2)) and (preamble near3 (choos\$3 or select\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/12/06 09:37
S48	1	("20060129649").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 09:38

## EAST Search History

S49	1	("20060120473").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 09:38
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